

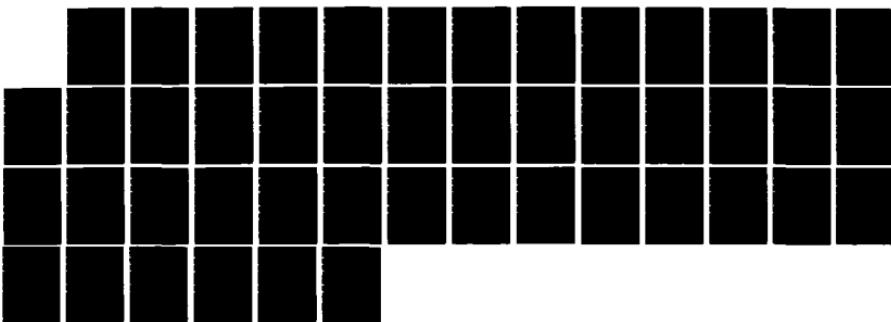
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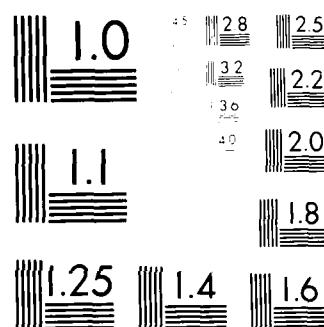
AUTOMATED LIBRARY SYSTEM SPECIFICATIONS(U) ARMY LIBRARY 1/1
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AUTOMATED LIBRARY SYSTEM SPECIFICATIONS

Prepared by

Mary B. Bonnett
ARMY LIBRARY MANAGEMENT OFFICE
OFFICE OF THE ASSISTANT CHIEF OF STAFF
FOR INFORMATION MANAGEMENT

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June 1986

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19. ABSTRACT (Continue on reverse if necessary and identify by block number) This document was prepared to provide librarians with a comparative overview of the specifications of automated library systems on the market at this time. The descriptions are based on reference materials, vendor literature and personal discussions with vendor representatives and users of the systems. The data in this document should be used as a screening tool to determine which systems you need to get more information about. Data elements included are based on those factors essential to determine the system size and functions. Vendors have been afforded the opportunity to review the information included on their system, and make corrections as they felt appropriate. Systems covered include: ALIS II & III (DataPhase Corp.), BACS (Washington University School of Medicine), BiblioTech Library Software (Comstow Information Services), BLIS (Biblio-Techniques), CAIRS (Information/Documentation, Inc), Card Datalog (DTI Data Trek, Inc), CLSI LIBS 100 (CL Systems, Inc), DATALIB (M/A-COM Information Systems, Inc), Dynix Integrated Library System, Geac Library Information System, INLEX (Inlex, Inc), LIAS (Pennsylvania State University), LIS (Georgetown University Medical Center), (Cont'd.)			
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19. Abstract (con't)

LS/2000 (OCLC, Inc), NOTIS (Northwestern University Library), NSC Library System, SIMS-I Library System (Sedna Corp), STAR (Cuadra Associates, Inc), Sydney Microlibrary System (Sydney Dataproducts, Inc), TECHLIB (Battelle Software Products), TOMAS (Carlyle Systems, Inc), ULYSIS/84 (Universal Library Systems), Unicorn Collection Management System (Sirsi Corp), URICA (McDonnell Douglas Computer Systems Co), and VTLS (Virginia Tech Library System).

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AUTOMATED LIBRARY SYSTEM SPECIFICATIONS

Introduction

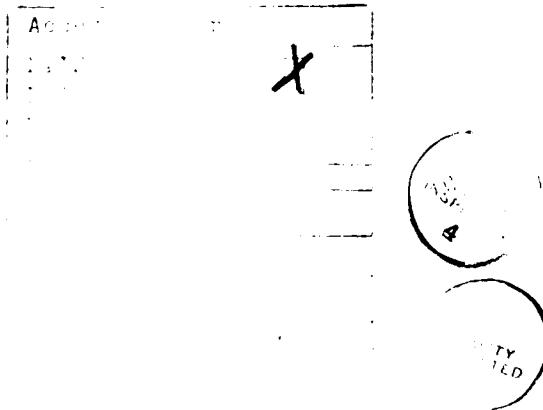
The first edition of this document was prepared to provide Army librarians with a comparative overview of the specifications of automated library systems on the market at that time. Reception of the original edition was such that it has been expanded and will be made available to a wider audience through Defense Technical Information Center.

Information contained in this document was gathered from reference materials, vendor literature and personal discussions with both vendor representatives and users of the systems. The data in this document should be used as a screening tool, to determine which systems you need to get more information about.

Data elements included in the document are based on those factors essential to determine the system size and information most frequently requested by librarians in discussion proposed automation efforts.

Vendors have been afforded the opportunity to review the information included on their products and make any corrections, additions or deletions they felt appropriate. We appreciate this assistance in making the information as complete and accurate as possible.

Suggestions for additional systems to be included, and additional data about any of these systems will be appreciated. Contact Mary B. Bonnett, Army Library Management Office, to provide information or request additional information. The mailing address is HQDA (DAIM-FAL), Alexandria, VA 22331-0303.



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AUTOMATED LIBRARY SYSTEM SPECIFICATIONS

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AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	ALIS II (Automated Library Information System)
VENDOR	DataPhase, Corp., P.O. Box 797, Shawnee Mission, KS 66201
HARDWARE: BASIC	Data General Computers
PERIPHERIALS SUPPORTED	Terminals, printers, disk drives and tape handlers, communication equipment as needed for system.
STORAGE CAPABILITY	Dependent on system selected.
MAXIMUM # OF RECORDS, including necessary indexes	Dependent on system selected.
SOFTWARE	ALIS II; UNIX, level 4 operating system
PROGRAMMING LANGUAGE	HUMPS/NIIS
MODULES/FUNCTIONS AVAILABLE	Circulation, reserve room, materials booking, cataloging input (MARC tape load, utility interface) acquisitions, patron access catalog (Boolean search), authority files, management reports. Serials checkin expected in 1985.
INDIVIDUALIZATION AVAILABLE	
TRAINING AVAILABLE	Tailored to library needs
DATABASE PREPARATION REQUIRED	Services available from most bibliographic utilities, plus retrospective conversion
COST	
INSTALLATIONS	60 +, including multi-library systems.
COMMENTS	MARC format

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	ALIS III (Automated Library Information System)
VENDOR	DataPhase, Corp., P.O. Box 797, Shawnee Mission, KS 66201
HARDWARE: BASIC	Tandem Computers
PERIPHERALS SUPPORTED	Terminals, printers, disk drives and tape handlers, communication equipment as needed for system.
STORAGE CAPABILITY	Dependent on system selected.
MAXIMUM # OF RECORDS, including necessary indexes	Dependent on system selected.
SOFTWARE	ALIS III; UNIX, level 4 operating system
PROGRAMMING LANGUAGE	MUMPS/MIIS
MODULES/FUNCTIONS AVAILABLE	Circulation, reserve room, materials booking, cataloging input (MARC tape load, utility interface) acquisitions, patron access catalog (Boolean search), authority files, management reports. Serials control expected in 1985.
INDIVIDUALIZATION AVAILABLE	
TRAINING AVAILABLE	Tailored to library needs
DATABASE PREPARATION REQUIRED	Services available for most bibliographic utilities, plus retrospective conversion
COST	
INSTALLATIONS	60 +, including multi-library systems.
COMMENTS	MARC format

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	BACS (Bibliographic Access and Control System)
VENDOR	Washington University School of Medicine Library, Box 8132, 660 South Euclid Ave., St.Louis, MO 63110
HARDWARE: BASIC	DEC PDP 11/40 or any computer that supports ANSI Standard MUMPS
PERIPHERALS SUPPORTED	Terminals, barcode readers, printers as required depending on system size.
STORAGE CAPABILITY	Dependent on system and equipment selected.
MAXIMUM # OF RECORDS, includes necessary indexes	Dependent on system and equipment selected.
SOFTWARE	BACS, designed & programmed at Wash. Univ.
PROGRAMMING LANGUAGE	ANSI Standard MUMPS
MODULES/FUNCTIONS AVAILABLE	Bibliographic files for monographs and serials, acquisitions, circulation, cataloging, online public access catalog, authority files, serials control, word processing, electronic mail, management reports, journal citation searching (at additional cost).
INDIVIDUALIZATION AVAILABLE	Includes display formats, search parameters, circulation policy, online documentation/helps
TRAINING AVAILABLE	Yes, on-site.
DATABASE PREPARATION REQUIRED	MARC record, loaded from tape or individual input. OCLC interface available for monographs.
COSTS	BACS software - \$20,000; MUMPS operating system - \$10,000; equipment approximately \$151,000.
INSTALLATIONS	Washington University Medical School and Mercer University, Macon, Ga.
COMMENTS	Serials control function is provided by PHILSON. Microcomputer version available for IBM PC-XT.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	BiblioTech Library Software System
VENDOR	Comstow Information Services, 302 Boxboro Road, Stow, MA 01775
HARDWARE: BASIC	DEC VAX with VAX/VMS Operating System
PERIPHERALS SUPPORTED	1 or more disk drives, magnetic tape drive to input MARC tapes and software updates, backups, and produce COM tapes as needed; printer, 1200 baud modem for diagnostics, CRT terminals (VT100, VT52 or equivalent)
STORAGE CAPABILITY	Dependent on system and hardware selected and the needs of the users.
MAXIMUM # OF RECORDS, includes necessary indexes	Dependent on system and hardware selected and type of record, up to 104 million
SOFTWARE	Based on Data Retrieval System (DRS), DEMS by Advanced Data Management, Kingston, NJ.
PROGRAMMING LANGUAGE	DRS (FORTRAN based)
MODULES/FUNCTIONS AVAILABLE	Online patron access, catalog update (online or batch), authority files, serial control and SDI acquisitions, report writer, circulation, accounting
INDIVIDUALIZATION AVAILABLE	Borrowing periods, borrower status, file and search points, translated codes, etc.
TRAINING AVAILABLE	Yes, 2 days at \$400/day + transportation initial training. Advanced training at Comstow, \$350/day for 2 staff members or on site \$400/day + transportation. Detailed user's guides provided Report writer training, 2 days at Comstow, \$800
DATABASE PREPARATION REQUIRED	None; turnkey software.
COSTS	Basic BiblioTech (Single user) \$15,000; (Multi user) \$20,000; Circulation module \$3,000; Periodical Control \$3,000; Accounting \$5,000.
INSTALLATIONS	22 installations, including 2 federal on 1/86.
COMMENTS	All modules are fully integrated in a single database. Multibranch networking supported.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	BLIS (Biblio-Techniques Library & Information System)
VENDOR	Biblio-Techniques, 328 East 7th Ave., Olympia, WA 98501, (206) 786-1111.
HARDWARE: BASIC	IBM and IBM compatible 370, 43XX, 30XX
PERIPHERALS SUPPORTED	Cursor-addressable ASCII terminals, other units as needed for system
STORAGE CAPABILITY	Dependent on specific hardware selected
MAXIMUM # OF RECORDS, includes necessary indexes	Dependent on specific hardware selected
SOFTWARE	BLIS, based on Western Library Network Software ADABAS DBMS, COM-COMPLETE Teleprocessing Monitor System
PROGRAMMING LANGUAGE	PL 1 (70%), IBM Assembler (30%)
MODULES/FUNCTIONS AVAILABLE	Online catalogs with integrated database and authority files, circulation, acquisitions/accounting, report generation.
INDIVIDUALIZATION AVAILABLE	Yes but not specific
TRAINING AVAILABLE	Yes, 10 days onsite. Complete documentation.
DATABASE PREPARATION REQUIRED	Accepts OCLC, RLIN, WLN, and UTIAS input in MARC format, local interactive input.
COSTS	BLIS software \$32,500 to \$260,000 depending on components required. Hardware required starts at \$400,000 or existing hardware can be adapted.
INSTALLATIONS	Seven in 1985, including City Univ. of San Diego, Columbia, Cornell & Indiana Univ.
COMMENTS	Based on Western Library Network and standards including MARC, ANSI-Z39 Standards, OCLC Library Systems Project, etc. Online WLN, etc. in development.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	CAIRS (Computer Assisted Information Retrieval System). Mainframe and Mini version.
VENDOR	Information/Documentation, Inc., P.O. Box 17109 Dulles International Airport, Washington, DC 20041
HARDWARE: BASIC	IBM 43xx, 30xx; DEC VAX, PDP11; TI 990/10, 990/12; Perkin Elmer, Data General and PRIME computers.
HARDWARE: PERIPHERALS	Printer, CRT's, Hard Disk storage (determined by library size), tape or other back up system.
STORAGE CAPABILITY	Disk storage devices selected determine capacity. 5 - 10 MB (minimum) hard disk required.
MAXIMUM # OF RECORDS, includes necessary indexes	10M variable length fields & records is arbitrary limit. Data can span 15 physical devices.
SOFTWARE	CAIRS
PROGRAMMING LANGUAGE	RTL/2 - Supplied in Executable Image Format
MODULES/FUNCTIONS AVAILABLE	Information storage and retrieval, thesaurus, authority file, multi-library systems, acquisitions, accounting, EDI, management reports, word processing, online or batch input
INDIVIDUALIZATION AVAILABLE	Very flexible
TRAINING AVAILABLE	Yes (Optional)
DATABASE PREPARATION REQUIRED	You define the fields required. It is best to plan ahead.
COST	Mainframe - \$75,000; Mini - \$9,000 to \$30,000. Multiple copy and government pricing available.
INSTALLATIONS	
DOCUMENTS	Turnkey or software only.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	CAIRS (Computer Assisted Information Retrieval System). Micro version.
VENDOR	Information/Documentation, Inc., P.O. Box 17139 Dulles International Airport, Washington, DC 20041
HARDWARE: BASIC	IBM-XT, IBM-AT, and compatibles, DEC Rainbow 100+, ACT Apricot, ACT Sirius, Hewlett Packard HP150, Wang-PC, Eagle, Fujitsu, Burroughs B25
HARDWARE: PERIPHERIALS	Printer, CRT's, Hard Disk storage (determined by library size), tape or other back up system
STORAGE CAPABILITY	Disk storage devices selected determine capacity. 5 - 10 MB (minimum) hard disk required.
MAXIMUM # OF RECORDS, includes necessary indexes	10M variable length fields & records is arbitrary limit.
SOFTWARE	CAIRS; MS-DOS, PC-DOS, CPM/86 operating systems.
PROGRAMMING LANGUAGE	RTL/2 - Supplied in Executable Image Format
MODULES/FUNCTIONS AVAILABLE	Information storage and retrieval, thesaurus and authority file, multi-library systems, acquisitions, accounting, SDI, management reports, word processing, online or batch input.
INDIVIDUALIZATION AVAILABLE	Very flexible
TRAINING AVAILABLE	Yes (Optional)
DATABASE PREPARATION REQUIRED	You define the fields required. It is best to plan ahead.
COST	\$1800 to 5400+. Multiple copy and government pricing available.
INSTALLATIONS	
COMMENTS	Turnkey or software only.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	Card Datalog
VENDOR	DTI Data Trek Inc., 621 Second St., Encinitas, CA 92024, (619)436-5055. (Scott Cheathan)
HARDWARE: BASIC	Micro with CP/M, MP/M or MS/DOS operating system; DEC, ALTOS, IBM-PC, Zenith
PERIPHERALS SUPPORTED	Hard disk storage, printers.
STORAGE CAPABILITY	Dependent on hardware selected.
MAXIMUM # OF RECORDS, including necessary indexes	150,000 bibliographic records, 5,000 serial titles
SOFTWARE	DTI Card Datalog
PROGRAMMING LANGUAGE	dBase II, dBase III
MODULES/FUNCTIONS AVAILABLE	Acquisition, catalog (input and search), circulation, serials control and routing, materials booking, corporate documents and Databridge database downloader.
INDIVIDUALIZATION AVAILABLE	No, only by modules used
TRAINING AVAILABLE	Yes, \$350/day plus expenses
DATABASE PREPARATION REQUIRED	MARC like format, fixed field length. Can download from tapes, laser disk.
COST	\$1837.50 (GSA price). Maintenance and updates, \$500 per year.
INSTALLATIONS	300+ installations. Software is on GSA schedule
COMMENTS	Software only or turnkey. Boolean search. Over 100 local area networks (LANs) installed. Referrals to government libraries available on request.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	CLSI LIBS 100 System 23
VENDOR	CL Systems, Inc., 1220 Washington St., West Newton, MA 02165, (617) 965-6310. (Terri Friedmen, Manager, Bid Dept)
HARDWARE: BASIC	DEC PDP 11/23, 256 KB memory, RH-11 Disc controller, terminal controller, and communications equipment.
HARDWARE: PERIPHERALS	All must be DEC compatible; up to 16 terminals. Optional items include magnetic tape unit, streamer tape, light pen/bar code reader or laser scanner, browsing (touch-panel) terminal for public access catalog.
STORAGE CAPABILITY	256 KB internal memory, 340- or 800-mb disk drives, maximum of four disk drives.
MAXIMUM # OF RECORDS, includes necessary indexes	Depends upon mix of application programs, and disks purchased.
SOFTWARE	Information Management System operating and support system
PROGRAMMING LANGUAGE	Proprietary, based on DEC MACRO assembler language
MODULES/FUNCTIONS AVAILABLE	Cataloging input (online interface and direct input as well as MARC input tape), circulation, reserve room, materials booking, acquisition, patron access catalog with Boolean search, keyword search and full authority control, serials control, remote database access.
INDIVIDUALIZATION AVAILABLE	Customized for each library.
TRAINING AVAILABLE	Yes
DATABASE PREPARATION REQUIRED	Conversion support available
COSTS	
INSTALLATIONS	
COMMENTS	Community bulletin board, networking, report generator and microprocessor backup available.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	CLSI LIBS 100 System 44
VENDOR	CL Systems, Inc., 1220 Washington St., West Newton, MA 02165, (617)965-6310. (Terri Friedman, Manager, Bid Dept)
HARDWARE: BASIC	DEC PDP 11/44, 1 MB memory, RH-11 disc controller, terminal controller and communications equipment.
HARDWARE: PERIPHERALS	All must be DEC compatible; up to 64 terminals. Optional items include magnetic tape drive, streamer tape, light pen/bar code reader or laser scanner, browsing (touch-panel) terminal for public access catalog.
STORAGE CAPABILITY	1 MB internal memory, 340- or 800-mb disk drives, maximum of eight disk drives.
MAXIMUM # OF RECORDS, includes necessary indexes	Depends upon mix of application programs, and disks purchased.
SOFTWARE	Information Management System operating and support system
PROGRAMMING LANGUAGE	Proprietary based on DEC MACRO assembler language.
MODULES/FUNCTIONS AVAILABLE	Cataloging input (online interface and direct input as well as MARC input tape), circulation, reserve room, materials booking, acquisition, patron access catalog with Boolean search, keyword search with full authority control, serials control, remote database access.
INDIVIDUALIZATION AVAILABLE	Customized for each library.
TRAINING AVAILABLE	Yes
DATABASE PREPARATION REQUIRED	Conversion support available
COSTS	
INSTALLATIONS	
COMMENTS	Community bulletin board, networking, report generator and microprocessor backup available.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	CLSI LIBS 100 System 73
VENDOR	CL Systems, Inc., 1220 Washington St., West Newton, MA 02165, (617)965-6310. (Tami Friedman, Manager, Bid Dept.)
HARDWARE: BASIC	DEC PDP 11/73, 1 MB memory, RH-11 disc controller, terminal controller and communications equipment.
HARDWARE: PERIPHERALS	All must be DEC compatible; up to 48 terminals. Optional items include magnetic tape drive, streamer tape, light pen/bar code reader or laser scanner, browsing (touch-panel) terminal for public access catalog.
STORAGE CAPABILITY	1 MB internal memory, 340- or 800-mb disk drives, maximum of four disk drives. Main memory expandable to 4 MB.
MAXIMUM # OF RECORDS, includes necessary indexes	Depends upon mix of application programs, and disk purchased.
SOFTWARE	Information Management System operating and support system
PROGRAMMING LANGUAGE	Proprietary, based on DEC MACRO assembler language.
MODULES/FUNCTIONS AVAILABLE	Cataloging input (online interface and direct input as well as MARC input tape), circulation, reserve room, materials booking, acquisition, patron access catalog with Boolean search, keyword search with full authority control, serials control, remote database access.
INDIVIDUALIZATION AVAILABLE	Customized for each library.
TRAINING AVAILABLE	Yes
DATABASE PREPARATION REQUIRED	Conversion support available
COSTS	
INSTALLATIONS	
COMMENTS	Community bulletin board, networking, report generator and microprocessor backup available.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	CLSI LIBS 100 System 84
VENDOR	CL Systems, Inc., 1220 Washington St., West Newton, MA 02165, (617)965-6310. (Terri Friedman, Manager, Bid Dept.)
HARDWARE: BASIC	DEC PDP 11/84, 1 MB memory, RH-11 disc controller, terminal controller and communications equipment.
HARDWARE: PERIPHERALS	All must be DEC compatible; up to 64 terminals. Optional items include magnetic tape drive, streamer tape, light pen/bar code reader or laser scanner, browsing (touch-panel) terminal for public access catalog.
STORAGE CAPABILITY	1 MB internal memory, can be expanded to 4 MB, 340- or 800-mb disk drives, maximum of 3 disk drives.
MAXIMUM # OF RECORDS, includes necessary indexes	Depends upon mix of application programs, and disk purchased.
SOFTWARE	Information Management System operating and support system
PROGRAMMING LANGUAGE	Proprietary, based on DEC MACRO assembler language.
MODULES/FUNCTIONS AVAILABLE	Cataloging input (online interface and direct input as well as MARC input tape), circulation, reserve room, materials booking, acquisition, patron access catalog with Boolean search, keyword search with full authority control, serials control, remote database access.
INDIVIDUALIZATION AVAILABLE	Customized for each library.
TRAINING AVAILABLE	Yes
DATABASE PREPARATION REQUIRED	Conversion support available
COSTS	
INSTALLATIONS	
COMMENTS	Community bulletin board, networking, report generator and microprocessor backup available.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	CLSI LIBS 100 System 100
VENDOR	CL Systems, Inc., 1220 Washington St., West Newton, MA 02165, (617)965-6310. (Terri Friedman, Manager, Bid Dept.)
HARDWARE: BASIC	Up to six DEC PDP 11/23s, 11/44s, 11/73s, 11/84 and/or VAX 750s; disk capacity as stated for specific equipment; RH-11 disk controller, terminal controller & communications equipment.
HARDWARE: PERIPHERALS	All must be DEC compatible; up to 256 terminals (depending upon application). Optional items include magnetic tape drive, streamer tape, light pen/bar code reader or laser scanner, browsing (touch-panel) terminal for public access catalog.
STORAGE CAPABILITY	Dependent on mix of processors and disk drives.
MAXIMUM # OF RECORDS, includes necessary indexes	Depends upon mix of application programs, and disks purchased.
SOFTWARE	Information Management System operating and support system
PROGRAMMING LANGUAGE	Proprietary, based on DEC MACRO assembler language.
MODULES/FUNCTIONS AVAILABLE	Cataloging input (online interface and direct input as well as MARC input tape), circulation, reserve room, materials booking, acquisition, patron access catalog with Boolean search, keyword search with full authority control, serials control, remote database access.
INDIVIDUALIZATION AVAILABLE	Customized for each library.
TRAINING AVAILABLE	Yes
DATABASE PREPARATION REQUIRED	Conversion support available
COSTS	
INSTALLATIONS	
COMMENTS	Community bulletin board, networking, report generator and microprocessor backup available.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	CLSI LIBS 100 System 750
VENDOR	CL Systems, Inc., 1220 Washington St., West Newton, MA 02165, (617)965-6310. (Terri Friedman, Manager, Bid Dept.)
HARDWARE: BASIC	DEC VAX 11/750, 2 MB memory, disc controller, terminal controller and communications equipment.
HARDWARE: PERIPHERALS	All must be DEC compatible; up to 48 terminals. Optional items include magnetic tape drive, streamer tape, light pen/bar code reader or laser scanner, browsing (touch-panel) terminal for public access catalog.
STORAGE CAPABILITY	2 MB internal memory, 340- or 600-mb disk drives, maximum of eight disk drives.
MAXIMUM # OF RECORDS, includes necessary indexes	Depends upon mix of application programs, and disk purchased.
SOFTWARE	Information Management System operating and support system
PROGRAMMING LANGUAGE	VAX/VMS
MODULES/FUNCTIONS AVAILABLE	Cataloging input (online interface and direct input as well as MARC input tape), circulation, reserve room, materials booking, acquisition, patron access catalog with Boolean search, keyword search with full authority control, serials control, remote database access.
INDIVIDUALIZATION AVAILABLE	Customized for each library.
TRAINING AVAILABLE	Yes
DATABASE PREPARATION REQUIRED	Conversion support available
CCSTS	
INSTALLATIONS	
COMMENTS	Community bulletin board, networking, report generator and microprocessor backup available.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	DATALIB
VENDOR	M/A-COM Information Systems, Inc., 5515 Security Lane, Suite 1100, Rockville, MD 20852, (301)984-3636.
HARDWARE: BASIC	Data General MV Series, DEC VAX, and Micro VAX II
PERIPHERALS SUPPORTED	Terminals, printers & modems as needed
STORAGE CAPABILITY	Dependent on system selected.
MAXIMUM # OF RECORDS, including necessary indexes	Dependent on system selected.
SOFTWARE	DATALIB
PROGRAMMING LANGUAGE	FORTRAN 77
MODULES/FUNCTIONS AVAILABLE	Acquisition, accounting, cataloging (online & tape load), online catalog, circulation, multi library access, serials module, and OCLC interface.
INDIVIDUALIZATION AVAILABLE	Customized to user specifications
TRAINING AVAILABLE	Provided at customer site.
DATABASE PREPARATION REQUIRED	Provided with initial profiling, training and installation. Conversion of existing database provided at separate cost.
COST	Initial license listed, renewals and Micro VAX II substantially less. Cataloging & searching, \$40K; Acquisition & accounting (add-on), \$15K; Circulation (add-on), \$10K; Serials mgt (add-on), \$10K; Total system (items above as a unit), \$65K; OCLC Interface, \$5K.
INSTALLATIONS	16 corporate and government special libraries.
COMMENTS	Software only, turnkey or timeshare. Boolean search capability. Excellent security features.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	Dynix Integrated Library System
VENDOR	Dynix, Incorporated, 1455 West 320 North, Provo UT 84601, (801)375-2770. James T. Wilson, General Sales Manager.
HARDWARE: BASIC	Ultimate, Prime, DEC VAX
PERIPHERALS SUPPORTED	Wyse, Viewpoints, Intermec lightpens, HP lightpens, C-Itoh
STORAGE CAPABILITY	66 MB to 4,000 MB
MAXIMUM # OF RECORDS, includes necessary indexes	250,000 titles
SOFTWARE	DYNIX software. PICK Operating system
PROGRAMMING LANGUAGE	BASIC
MODULES/FUNCTIONS AVAILABLE	Cataloging, circulation, serials control, public access catalog, reports generator, electronic mail, authority control.
INDIVIDUALIZATION AVAILABLE	yes
TRAINING AVAILABLE	yes
DATABASE PREPARATION REQUIRED	No, can load from most machine readable database records.
COST	\$50,000 to \$2,000,000.
INSTALLATIONS	40 installations include academic, public and Government. Combined Arms Research Library, Ft Leavenworth installations.
COMMENTS	Six levels of security system.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	Geac Library Information System (6000)
VENDOR	Geac Computers International, 350 Steelcase Rd West, Markham, Ontario L3R 1B3, (416) 495-0525.
HARDWARE: BASIC	Geac system 6000
PERIPHERIALS SUPPORTED	Up to 60 terminals, printers (RS-232), bar code readers, tape & disk processors
STORAGE CAPABILITY	2 MB memory, up to 2064 MB disk storage
MAXIMUM # OF RECORDS, including necessary indexes	2,000,000 titles, 4,000,000 items; 115,000 patrons
SOFTWARE	Geac Library Information System (GLIS)
PROGRAMMING LANGUAGE	ZOPL (Geac proprietary language)
MODULES/FUNCTIONS AVAILABLE	Circulation, acquisitions, online catalog, serial control, patron access catalog, local area network capability, MARC records management module, community access module, Boolean processing, electronic mail.
INDIVIDUALIZATION AVAILABLE	Local library policy parameters can be set
TRAINING AVAILABLE	Multiple programs offered/both module & function, including refresher and advanced.
DATABASE PREPARATION REQUIRED	File conversion supported, tape loads from many sources, e.g., OCLC, UTLAS, WLN, RLIN, NLC, etc.
COST	Minimum of approximately \$115K.
INSTALLATIONS	As of 12/85 - 10 installations, including US Military Academy, West Point, NY
COMMENTS	Supports bilingual files. Turnkey only. Interface with Faxon facilitates building serials database.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	Geac Library Information System (8000)
VENDOR	Geac Computers International, 350 Steelcase Road West, Markham, Ontario L3R 1B3, (416) 475-0525.
HARDWARE: BASIC	Geac system 8000, 16 bit data word
PERIPHERALS SUPPORTED	100 terminals; printers (RS-232), bar code readers, tape & disk processors as required for system. Dual S/8000 supports up to 180 terminals.
STORAGE CAPABILITY	3 MB memory, up to 4800 mb disk storage
MAXIMUM # OF RECORDS, including necessary indexes	Approximately 2,200,000 titles, up to 8 million patrons
SOFTWARE	Geac Library Information System (GLIS)
PROGRAMMING LANGUAGE	ZOPL (Geac proprietary language)
MODULES/FUNCTIONS AVAILABLE	Circulation, acquisitions, online catalog, serials control, patron access catalog, local area network capability, MARC records management module, community access module, Boolean processing, electronic mail.
INDIVIDUALIZATION AVAILABLE	Local library policy parameters can be set
TRAINING AVAILABLE	Multiple programs offered/both module & function including refresher and advanced.
DATABASE PREPARATION REQUIRED	File conversion supported, tape loads from many sources, e.g., OCLC, UTLAS, WLN, RLIN, LC, NLC, etc.
COST	Minimum of approximately \$175K.
INSTALLATIONS	As of 12/85, 102 systems worldwide, including USAREUR.
COMMENTS	Supports bilingual files. Turnkey only. Interface with Faxon facilitates building serials database.

INTEGRATED LIBRARY SYSTEM SPECIFICATIONS

SUPPLIER NAME	INLEX
VERSION	INLEX, Inc., P.O. Box 1640, Monterey, CA 93942 (408)643-9656. Joe Matthews, VP, Operations.
hardware: BASIC	Hewlett Packard 3000 Series 27, 42, 50, 70, 800
MEDIA/ MATERIALS SUPPORTED	All
STORAGE CAPABILITY	Up to 8.2 gigabytes of disk.
MAXIMUM # OF RECORDS, Includes necessary indexed	4 Million Bibliographic citations
SOFTWARE	INLEX/3000
PROGRAMMING LANGUAGE	PASCAL
MODULES/FUNCTIONS AVAILABLE	Public access catalog, cataloging input, circulation, retrospective conversion, administrative reports, acquisition (due late '88), serials (due late '88).
INDIVIDUALIZATION AVAILABLE	Yes
MAINTENANCE AVAILABLE	Yes, included in purchase price
ADDITIONAL PROGRAMMATION REQUIRED	Basic Cataloging & Administration, \$20K; Circulation, Public Access Catalog, Acquisitions, \$14K each additional. Other modules, public variable price. VENDOR.
DATA INPUT	Batch, Online
DATA OUTPUT	Batch, Online

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	LIAS (Library Information Access System)
VENDOR	LIAS Program Office, E1 Pitts Library, Pennsylvania State University, University Park, PA 16802, (814) 865-1810. (See I. Freivalds)
HARDWARE: BASIC	Honeywell Information Systems DPS/3 with Datane 8 front end processor
PERIPHERALS SUPPORTED	Terminals, printers, bar code readers, communication equipment
STORAGE CAPABILITY	Up to 70.4 GB
MAXIMUM # OF RECORDS, including necessary indexes	No maximum
SOFTWARE	LIAS applications software
PROGRAMMING LANGUAGE	PL-6 (PL-1 subset)
MODULES/FUNCTIONS AVAILABLE	Online patron catalog, bibliographic data base access, cataloging (utility interface, online entry) acquisition, accounting, serials control circulation
INDIVIDUALIZATION AVAILABLE	Yes
TRAINING AVAILABLE	Formal, on-site training available for each contracted component at \$1000/week plus expenses.
DATABASE PREPARATION REQUIRED	Tape analysis by library and LIAS to resolve problems and de-dupe tapes. Retrospective conversion at \$.00/record.
COST	
INSTALLATIONS	Three
COMMENTS	Full MARC Record. Fully integrated system. Software only. MicroLIAS personal computer software also available.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	INLEX
VENDOR	INLEX, Inc., P.O. Box 1349, Monterey, CA 93942 (408)646-9666. Pamela R. Cibbarelli, VP, Marketing & Sales.
HARDWARE: BASIC	Hewlett Packard 3000
PERIPHERIALS SUPPORTED	
STORAGE CAPABILITY	
MAXIMUM # OF RECORDS, includes necessary indexes	2 Million Bibliographic citations
SOFTWARE	INLEX/3000
PROGRAMMING LANGUAGE	PASCAL
MODULES/FUNCTIONS AVAILABLE	Public access catalog, cataloging input, circulation, retrospective conversion, administrative reports, acquisition (due mid '86), serials (due late '86).
INDIVIDUALIZATION AVAILABLE	Yes
TRAINING AVAILABLE	Yes, included in purchase price
DATABASE PREPARATION REQUIRED	
COST	Basic Cataloging & Administration, \$20K; Circulation, Public Access Catalog, Acquisitions, \$14K each additional. Other service prices available from vendor.
INSTALLATIONS	List available
COMMENTS	

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	LIAS (Library Information Access System)
VENDOR	LIAS Program Office, E1 Pattee Library, Pennsylvania State University, University Park, PA 16802, (814) 365-1816. (Dace I. Freivalds)
HARDWARE: BASIC	Honeywell Information Systems DPS/3 with Datanc 8 front end processor
PERIPHERIALS SUPPORTED	Terminals, printers, bar code readers, communication equipment
STORAGE CAPABILITY	Up to 70.4 GB
MAXIMUM # OF RECORDS, including necessary indexes	No maximum
SOFTWARE	LIAS applications software
PROGRAMMING LANGUAGE	PL-6 (PL-1 subset)
MODULES/FUNCTIONS AVAILABLE	Online patron catalog, bibliographic data base access, cataloging (utility interface, online entry) acquisition, accounting, serials control circulation
INDIVIDUALIZATION AVAILABLE	Yes
TRAINING AVAILABLE	Formal, on-site training available for each contracted component at \$1000/week plus expenses.
DATABASE PREPARATION REQUIRED	Tape analysis by library and LIAS to resolve problems and de-dupe tapes. Retrospective conversion at \$.90/record.
CCST	
INSTALLATIONS	Three
COMMENTS	Full MARC Record. Fully integrated system. Software only. MicroLIAS personal computer software also available.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	LIS (Library Information System)
VENDOR	The Dahlgren Memorial Library, Georgetown University Medical Center, 3900 Reservoir Road NW, Washington, DC 20007, (202) 625-7673. (Naomi C. Broering, Medical Center Librarian)
HARDWARE: BASIC	DEC PDP 11/84, 2-3 disk drives (414MB), tape drive, RS-232 communications interface.
PERIPHERALS SUPPORTED	CRT terminals, printers, barcode reader
STORAGE CAPABILITY	3 MB CPU memory, 1,000 MB disk storage. (Typical based on library size)
MAXIMUM # OF RECORDS, including necessary indexes	120,000 most efficient collection size.
SOFTWARE	LIS, fully integrated library management system
PROGRAMMING LANGUAGE	MUMPS
MODULES/FUNCTIONS AVAILABLE	Patron online catalog, MiniMEDLINE system, circulation, serials control, acquisition, accounting, word processing, networking & interlibrary loan.
INDIVIDUALIZATION AVAILABLE	Yes through profiling functions.
TRAINING AVAILABLE	Available
DATABASE PREPARATION REQUIRED	File conversion and loading provided.
COST	\$30 to 50,000 depending on configuration, software only.
INSTALLATIONS	
COMMENTS	Full MARC record. Software only. Microcomputer system available also. May also be implemented on PDP11/44 or VAX system.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	LS/2000 Micro
VENDOR	OCLC, Inc, 6565 Frantz Road, Dublin, OH 43017-0702, (614)764-6000. Dan Haverkamp, Marketing Representative.
HARDWARE: BASIC	Digital Equipment Corp., PDP 11/73
PERIPHERIALS SUPPORTED	Modem, bar code readers (2), terminals (8), disk drives (2) can be added
STORAGE CAPABILITY	160MB, can be substituted with one or two 256MB drives
MAXIMUM # OF RECORDS, includes necessary indexes	18,000 basic, 100,000 with 2 disk drives added
SOFTWARE	Based on ILS (tm) with OCLC enhancements
PROGRAMMING LANGUAGE	MUMPS/HIIS
MODULES/FUNCTIONS AVAILABLE	Online cataloging and tape loading, circulation, patron (online) catalog, serial check-in, authority files, administrative reports, electronic mail
INDIVIDUALIZATION AVAILABLE	Many parameters are set by local option when the system is profiled for the user
TRAINING AVAILABLE	Initial training and profiling for system is included in software cost. Additional available on a cost basis.
DATABASE PREPARATION REQUIRED	MARC, or locally-defined format. Assistance with file conversion is available through OCLC or other vendors.
COST	\$80,000 to 100,000.
INSTALLATIONS	Naval Ordnance Station, Indian Head, MD; Marine Corps Dev & Educ Command, Classified Material Control Center; City Univ of New York Law School
COMMENTS	

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	LS/2000
VENDOR	OCLC, Inc, 6565 Frantz Road, Dublin, OH 43017-0702, (614)764-6000, (800)848-5878. Dan Haverkamp, Marketing Representative.
HARDWARE: BASIC	Data General S120
PERIPHERIALS SUPPORTED	Up to 20 terminals, bar code readers, printers, as needed
STORAGE CAPABILITY	380MB disk drive, 1 additional can be added
MAXIMUM # OF RECORDS, includes necessary indexes	100,000 records, 200,000 with additional storage
SOFTWARE	Based on ILS (tm) with OCLC enhancements
PROGRAMMING LANGUAGE	MLMPS/MLIS
MODULES/FUNCTIONS AVAILABLE	Online cataloging and tape loading, circulation, patron (online) catalog, serial check-in, authority files, administrative reports, electronic mail.
INDIVIDUALIZATION AVAILABLE	System profiled to meet user requirements. Many parameters can be set locally.
TRAINING AVAILABLE	Initial training and profiling for system is included in software cost. Additional available on a cost basis.
DATABASE PREPARATION REQUIRED	Assistance with file conversion through OCLC or other vendors. Assistance available at cost for non-standard input formats.
COST	
INSTALLATIONS	
COMMENTS	

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	LS/2000
VENDOR	OCLC, Inc, 6565 Frantz Road, Dublin, OH 43017-0702, (614)764-6000, (800)343-5373. Dan Haverkamp, Marketing Representative.
HARDWARE: BASIC	Data General S140
PERIPHERALS SUPPORTED	Disk drives (up to 8, but 4 is optimal), up to 28 terminals, printers and bar code readers as needed.
STORAGE CAPABILITY	592MB per disk drive
MAXIMUM # OF RECORDS, includes necessary indexes	130,000 mb per disk drive
SOFTWARE	Based on ILS (tm) with OCLC enhancements
PROGRAMMING LANGUAGE	MAPPS/HIIS
MODULES/FUNCTIONS AVAILABLE	Online cataloging and tape loading, circulation patron (online) catalog, serial check-in, authority files, administrative reports, electronic mail
INDIVIDUALIZATION AVAILABLE	System profiled to library requirements, many parameters set locally
TRAINING AVAILABLE	Initial training and profiling for system is included in software cost. Additional available on a cost basis.
DATABASE PREPARATION REQUIRED	MARC or locally-defined format. File conversion available through OCLC, assistance for non-standard input formats on a cost basis.
COST	
INSTALLATIONS	Armament Research & Development Center, Dover, NJ; ERADCCM Technical Library, Fort Monmouth, NJ
COMMENTS	

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	LS/2000
VENDOR	OCLC, Inc., 6565 Frantz Road, Dublin, OH 43017-0702, (614)764-6000, (300)348-5870. Dan Haverkamp, Marketing Representative.
HARDWARE: BASIC	Data General S280 (Top of the Eclipse series)
PERIPHERALS SUPPORTED	Up to 8 disk drives and 60 terminals, printers as needed
STORAGE CAPABILITY	592MB per disk drive
MAXIMUM # OF RECORDS, includes necessary indexes	130,000 per disk drive
SOFTWARE	Based on ILS (tm) with OCLC enhancements
PROGRAMMING LANGUAGE	UMPS/IIIS
MODULES/FUNCTIONS AVAILABLE	Online cataloging and tape loading, circulation, patron (online) catalog, serial check-in, authority files, administrative reports, electronic mail
INDIVIDUALIZATION AVAILABLE	System profiled to library requirements, many parameters can be set locally.
TRAINING AVAILABLE	Initial training and profiling for system is included in software cost. Additional available on a cost basis.
DATABASE PREPARATION REQUIRED	MARC or locally-defined format. File conversion available through OCLC and other vendors. Assistance with non-standard input formats on cost basis.
COSTS	
INSTALLATIONS	
COMMENTS	

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	LS/2000
VENDOR	OCLC, Inc., 6565 Frantz Road, Dublin, OH 43017-0702, (614)764-6000, (800)343-5878. Dan Haverkamp, Marketing Representative.
HARDWARE: BASIC	Data General MV 4000 (32 bit processor)
PERIPHERALS SUPPORTED	Additional disk drives may be added. Up to 32 terminals and printers, bar code readers, as needed.
STORAGE CAPABILITY	592ME per disk drive
MAXIMUM # OF RECORDS, includes necessary indexes	130,000 per disk drive
SOFTWARE	Based on ILS (tm) with OCLC enhancements
PROGRAMMING LANGUAGE	MUMPS/HIIS
MODULES/FUNCTIONS AVAILABLE	Online cataloging and tape loading, circulation patron (online) catalog, serial check-in, authority files, administrative reports, electronic mail
INDIVIDUALIZATION AVAILABLE	System profiled to library requirements, many parameters can be set locally.
TRAINING AVAILABLE	Initial training and profiling for system is included in software cost. Additional available on a cost basis.
DATABASE PREPARATION REQUIRED	MARC or locally-defined format. File conversion available through OCLC or other vendors. Assistance for non-standard input formats on a cost basis.
COSTS	
INSTALLATIONS	Social Security Administration, Operations Library, Baltimore, MD; US Army Corps of Engineers, Washington, DC
COMMENTS	

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	LS/2000
VENDOR	OCLC, Inc., 6565 Frantz Road, Dublin, OH 43017-0702, (614)764-6000, (800)348-5878. Dan Haverkamp, Marketing Representative.
HARDWARE: BASIC	Data General MV-8000
PERIPHERIALS SUPPORTED	12 disk drives, up to 80 terminals, printers and bar code readers as needed.
STORAGE CAPABILITY	592MB per disk drive.
MAXIMUM # OF RECORDS, includes necessary indexes	130,000 per disk drive.
SOFTWARE	Based on ILS (tm) with OCLC enhancements
PROGRAMMING LANGUAGE	MUNPS/HIIS
MODULES/FUNCTIONS AVAILABLE	Online cataloging and tape loading, circulation, patron (online) catalog, serial check-in, authority files, administrative reports, electronic mail
INDIVIDUALIZATION AVAILABLE	System profiled to library requirements, many parameters can be set locally.
TRAINING AVAILABLE	Initial training and profiling for system is included in software cost. Additional available on a cost basis.
DATABASE PREPARATION REQUIRED	MARC or locally-defined format. File conversion available through OCLC or other vendors. Assistance for non-standard formats available on a cost basis.
COST	
INSTALLATIONS	
COMMENTS	

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	NOTIS
VENDOR	Northwestern University Library, 1935 Sheridan Road, Evanston, IL 60201, (312) 491-7004. Jane Burke, Director, NOTIS.
HARDWARE: BASIC	IBM 43XX or larger
PERIPHERIALS SUPPORTED	IBM 3270 protocol terminals
STORAGE CAPABILITY	In excess of 20 gigabytes
MAXIMUM # OF RECORDS, includes necessary indexes	5,000,000 bibliographic records
SOFTWARE	
PROGRAMMING LANGUAGE	Assembler plus PL/1
MODULES/FUNCTIONS AVAILABLE	Cataloging, acquisition, authority files, public access catalog, serials control, circulation
INDIVIDUALIZATION AVAILABLE	Yes
TRAINING AVAILABLE	15 days, with purchase price.
DATABASE PREPARATION REQUIRED	Must be in MARC format, initial tape load must be deduped.
COST	\$95,000 software only. \$10,000 annual maintenance fee.
INSTALLATIONS	
COMMENTS	Equipment must be acquired separately, consultation provided but not purchase evaluation or assistance.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	NSC Library System
VENDOR	NSC, Inc. Computer Services, 207 S. Main Street Brillion, WI 54110, (414) 756-5305. Stephen F Nies, VP of Operations.
HARDWARE: BASIC	Wang VS System
PERIPHERALS SUPPORTED	
STORAGE CAPABILITY	
MAXIMUM # OF RECORDS, includes necessary indexes	Depends on specific hardware configuration. The 4 base modules require 4 mb per 1000 titles.
SOFTWARE	NSC Library System
PROGRAMMING LANGUAGE	RPGII, Source code and complete documentation provided.
MODULES/FUNCTIONS AVAILABLE	Bibliographic module, includes cataloging input magnetic tape or diskette load, authority file, patron registration; circulation module, includes overdue notices, reserve and interlibrary loan. Acquisition and serials control are under development.
INDIVIDUALIZATION AVAILABLE	Yes, through modules selected and implemented, and special development modification and enhancements.
TRAINING AVAILABLE	
DATABASE PREPARATION REQUIRED	Uses full MARC format, load from tape or diskette from utilities.
COST	
INSTALLATIONS	
COMMENTS	Related Group Technologies System has been developed to manage corporate literature.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	SIMS-I Library System
VENDOR	Sedna Corporation, 970 Raymond Avenue, St. Paul MN 55114, (612) 647-1101.
HARDWARE: BASIC	DEC PDP 11 series CPU
PERIPHERALS SUPPORTED	Format mode video terminals, random access input device (both direct and 9 track tape), printer, as required
STORAGE CAPABILITY	Depends on hardware selected
MAXIMUM # OF RECORDS, includes necessary indexes	Depends on hardware selected
SOFTWARE	SIMS-I
PROGRAMMING LANGUAGE	SIMS-I integrated systems generator
MODULES/FUNCTIONS AVAILABLE	Acquisitions, cataloging, authority maintenance, circulation, public access catalog, serials management, union catalog, interlibrary loan, general accounting and electronic mail
INDIVIDUALIZATION AVAILABLE	
TRAINING AVAILABLE	
DATABASE PREPARATION REQUIRED	
COST	
INSTALLATIONS	
COMMENTS	Developed for use in University of Minnesota Libraries. Sold as a supported software package, turnkey system is anticipated.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	STAR
VENDOR	Cuadra Associates, Inc, 2001 Wilshire Boulevard Suite 305, Santa Monica, CA 90403, (213)829-9972. Judith Wanger, Vice Pres.
HARDWARE: BASIC	Alpha-Micro AM-1000, AM-100/L series
PERIPHERIALS SUPPORTED	Up to 20 CRT terminals, work stations, printers modems, Winchester & floppy disk units, VCR and 9-track tape backups depending on system size.
STORAGE CAPABILITY	10, 30 & 55 Mb systems for AM-1000; 70 & 400 MB Systems for AM-100/L
MAXIMUM # OF RECORDS, including necessary indexes	This is a database management system that is configured to meet the specific requirements of the library, number of records will be dependent on record size.
SOFTWARE	STAR, AMOS (Alpha Micro Operating System)
PROGRAMMING LANGUAGE	Assembly language for Alpha Micro
MODULES/FUNCTIONS AVAILABLE	Database creation, retrieval, and report generation. Documentation design to be available in 1985 to allow librarians to tailor these to their library and requirements.
INDIVIDUALIZATION AVAILABLE	User defined database and parameters
TRAINING AVAILABLE	Available, costs quoted on request.
DATABASE PREPARATION REQUIRED	Non-MARC format, conversion program is available to reformat MARC data to load into STAR.
COST	Single user, 10MB system - \$19,560; 3 concurrent users, 10MB system - \$23,735; 10 users, 70MB system - \$52,405; 20 user, 400MB system - \$79,695. These prices are samples and include the appropriate Alpha Micro Computer system and STAR software with a 20-year license, renewable for \$1.
INSTALLATIONS	Feb 1985, 25 systems in North America and Europe.
COMMENTS	Can interface IBM-PC and PC compatibles as work stations. Not an integrated system.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	Sydney MicroLibrary System
VENDOR	Sydney Dataproducts, Inc., 11075 Santa Monica Blvd, Suite 100, Los Angeles, CA 90025, (213) 479-4621/(800) 992-9778. (David Devine, Manager Library Products Group)
HARDWARE: BASIC	IBM PC/XT or AT and compatibles
PERIPHERALS SUPPORTED	Printer (system compatible), 1200 bps modem, supplemental disk storage can be added. Compact disk - RPM devices can be interfaced.
STORAGE CAPABILITY	256K Memory, 1 floppy disk, 1 10MB fixed disk; additional storage can be added.
MAXIMUM # OF RECORDS, including necessary indexes	1.5MB required for each 1000 monograph records; 3MB required for each 1000 serial records; 5MB required for system programs (all modules).
SOFTWARE	Sydney Micro Library System, a DBMS. MS-DOS 2.0 or greater operating system.
PROGRAMMING LANGUAGE	DATABUS
MODULES/FUNCTIONS AVAILABLE	Base system includes cataloging, authority and inquiry, other modules - acquisition, serial control, circulation, MARC record interface. Boolean search and LAN link capability.
INDIVIDUALIZATION AVAILABLE	Yes, both by modules selected and locally set parameters within modules.
TRAINING AVAILABLE	Yes, included in the support package at Sydney site. On customer site on a consulting basis.
DATABASE PREPARATION REQUIRED	Accommodates full MARC record. Can load existing machine readable files from Marcive, OCLC, RLIN, CD-ROM or original cataloging with system prompts for entry.
COST	Base system, \$8500; circulation, acquisition & serials control, \$2500 each; MARC record interface, \$1000; all modules \$15000; support package \$2400 for 2 years. Discounts for multi-site and multi-user installations.
INSTALLATIONS	Widely used in corporate & special libraries; over 30 in U.S., Canada & U.K.
REFERENCES	

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	TECHLIB Integrated Library System
VENDOR	Battelle Software Products Center, 505 King Avenue, Columbus, OH 43201-2693, (600)326-2640. Mark W. Furst, Marketing/Sales Office
HARDWARE: BASIC	IBM 370, 3000 & 4300 series; CDC 6000; Cyber; DEC DECsysten-10, -20 & VAX; Wang VS.
PERIPHERALS SUPPORTED	
STORAGE CAPABILITY	Dependent on hardware selected
MAXIMUM # OF RECORDS, includes necessary indexes	Dependent on hardware selected
SOFTWARE	BASIS DBMS; operating systems - MVS/TSO, VM/CMS MVS, MVS/DS, TOPS-10, TOPS-20, VMS, VS
PROGRAMMING LANGUAGE	FORTRAN, Assembler
MODULES/FUNCTIONS AVAILABLE	Online catalog access, circulation control, acquisitions, book processing (cataloging either online or MARC tape loading), serial control, administrative reports, interlibrary loans
INDIVIDUALIZATION AVAILABLE	Through use of BASIS data definition language to control many functions.
TRAINING AVAILABLE	Scheduled quarterly at Battelle and on-site with client covering travel expenses.
DATABASE PREPARATION REQUIRED	MARC record. Can be loaded from OCLC tapes or a direct interface to create online.
COSTS	Software only. Mainframe / supermini - \$42,000 TECHLIB, \$60,000 TECHLIB / STACS; Mini - \$29,40 TECHLIB, \$39,000 TECHLIB / STACS. BASIS module mainframe / supermini - \$10,000 TECHLIB, \$26,00 TECHLIB / STACS; Mini - \$11,000 TECHLIB, \$16,00 TECHLIB / STACS. DEC MicroVAX II, \$15,000 TECHLIB, \$10,000 TECHLIB / STACS.
INSTALLATIONS	33 at end of 1985.
COMMENTS	Boolean and more sophisticated search possible with both inverted indexing and sequential scanning. Can support user created SDI. Thesaurus capability, fixed vocabulary control. Serials input module available.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	TOMUS
VENDOR	Carlyle Systems, Inc., 2930 San Pablo Ave., Berkeley, CA 94702, (415) 843-3538/(300)227-2951
HARDWARE: BASIC	INTEL, Specifically designed Micro for System.
PERIPHERALS SUPPORTED	Small System: 12 terminals, 6 printers, remote processors, database machine, 300 mb diskdrive, modem. Largest System: 60 terminals, other appropriate support.
STORAGE CAPABILITY	Depends on equipment and system size.
MAXIMUM # OF RECORDS, including necessary indexes	40,000 to 1,200,000 full MARC records
SOFTWARE	Carlyle developed
PROGRAMMING LANGUAGE	Spitball, PL/1 and CS/360 (modified) assembly
MODULES/FUNCTIONS AVAILABLE	Online catalog (Boolean search), cataloging module (local input), authority control, COM and printed catalogs. Circulation module (fall 1984)
INDIVIDUALIZATION AVAILABLE	
TRAINING AVAILABLE	
DATABASE PREPARATION REQUIRED	
COST	Approximately \$110,00 for small system; 100,000 titles, 30 terminals = \$165K; 400,000 titles, 6 terminals = \$360K. Annual maintenance charges run 12-15 % of hardware & software cost.
INSTALLATIONS	1984 - 4 academic, 2 public, 2 special libraries.
COMMENTS	Available in many sizes.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	ULYSIS/34
VENDOR	Universal Library Systems, 205-1571 Bellevue Ave., West Vancouver, BC, Canada V7V 1A5, (604)926-7421. Anabela Tasorda, Manager, Marketing and Sales
HARDWARE: BASIC	DEC PDP - 11 series and VAX
PERIPHERIALS SUPPORTED	Disk and tape drives, terminals, printers, barcode reader & communication equipment as needed by system.
STORAGE CAPABILITY	Dependent on system selected.
MAXIMUM # OF RECORDS, including necessary indexes	Dependent on systems selected.
SOFTWARE	ULISYS, RSTS/E Operating System on PDP 11, VMS on VAX
PROGRAMMING LANGUAGE	BASIC + VMS BASIC
MODULES/FUNCTIONS AVAILABLE	Circulation, cataloging, acquisitions, online catalog, management reports, cataloging input (tape or direct), authority files, Reserve Book Room, COM, information and referral, News paper index.
INDIVIDUALIZATION AVAILABLE	Yes
TRAINING AVAILABLE	Included in cost of the system.
DATABASE PREPARATION REQUIRED	
COST	Dependent on system requirements.
INSTALLATIONS	June 1984 - 37 systems, including consortiums.
DOCUMENTS	Turnkey and software only. ULISYS is a DBMS. MARC II record format or ULISYS format.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	Unicorn Collection Management System
VENDOR	Sirsi Corp., 3106-S S. Memorial Parkway, Huntsville, AL 35802, (205) 581-2140.
HARDWARE: BASIC	PCs to Mainframes which support UNIX operating system
PERIPHERALS SUPPORTED	Terminals, printers, modems, barcode and OCR readers as needed by system
STORAGE CAPABILITY	Depends on system chosen
MAXIMUM # OF RECORDS, includes necessary indexes	Depends on system chosen
SOFTWARE	Unicorn
PROGRAMMING LANGUAGE	"C"
MODULES/FUNCTIONS AVAILABLE	Circulation, academic reserves, inventory control, acquisitions, serials control, electronic mail, bibliographic control and authority files, patron address editing.
INDIVIDUALIZATION AVAILABLE	Yes
TRAINING AVAILABLE	Yes
DATABASE PREPARATION REQUIRED	Supports full MARC records, preparation dependent on local requirements
COST	Varies depending on size of library. Modules cost between \$500 and \$15,000. Annual software maintenance \$1000 regardless of modules installed.
INSTALLATIONS	twenty
COMMENTS	

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	URICA
VENDOR	McDonnell Douglas Computer Systems Co., Library Systems, PO Box 19501, Irvine, CA 92317, (714)250-1000.
HARDWARE: BASIC	Microdata M-6000, M-9000 series
PERIPHERALS SUPPORTED	IBM PC, & a variety of terminals and printers
STORAGE CAPABILITY	4 gigabytes
MAXIMUM # OF RECORDS, includes necessary indexes	1 to 2 million bibliographic records
SOFTWARE	Reality Operating System
PROGRAMMING LANGUAGE	Data BASIC
MODULES/FUNCTIONS AVAILABLE	Serials control, Online catalog, information retrieval, cataloging, circulation and acquisitions
INDIVIDUALIZATION AVAILABLE	Yes
TRAINING AVAILABLE	Yes
DATABASE PREPARATION REQUIRED	Yes (not specified)
COST	\$100,000+ depending on size
INSTALLATIONS	5 in US, 35+ in Australia, U.K. & Germany
COMMENTS	Entered US market mid-1985.

AUTOMATED LIBRARY SYSTEM SPECIFICATION

SYSTEM NAME	VTLS, Virginia Tech Library System
VENDOR	VTLS, Inc., 416 Newman Library, Blacksburg, VA 24061, (703)961-5047. Carl R. Lee, Manager, VTLS User Services.
HARDWARE: BASIC	Hewlett Packard HP/3000
PERIPHERALS SUPPORTED	HP or other asynchronous terminals, printers, 1200 - baud modem
STORAGE CAPABILITY	Dependent on specifics selected.
MAXIMUM # OF RECORDS, including necessary indexes	Dependent on specifics selected.
SOFTWARE	VTLS Based on Image, Query and KSAM
PROGRAMMING LANGUAGE	COBOL - II
MODULES/FUNCTIONS AVAILABLE	Circulation, collection control (cataloging, serials check-in), online catalog, authority control, management reports, networking.
INDIVIDUALIZATION AVAILABLE	Customized to using institution, locally set parameters.
TRAINING AVAILABLE	\$6,000 at all locations.
DATABASE PREPARATION REQUIRED	Analysis of machine readable records, conversion planning, \$1,000.
COST	Basic VTLS software - \$60,000; Reserve room module - \$10,000; Acquisition module - \$10,000.
INSTALLATIONS	70+ worldwide, includes academic, public and corporate libraries.
COMMENTS	

